

combining said first and second signals to form an output signal by linking signal segments from said first and second signals into a series of signal segments;  
determining a level of intensity of said output signal; and  
adjusting a level of intensity of said signal segments to produce said normalized output signal.

### REMARKS

In response to the above-identified Office Action, Applicant has canceled claims 1, 3, 26, and 27, and has amended claims 2, 4, 5, 6, 7, 8, 28, 31, and 32. Accordingly, claims 2, 4-25, and 28-42 remain pending in the present application. As dependent claims 6, 7, 8, 28, 31 and 32 have been amended as independent claims, the Commissioner is authorized to charge any excess independent claims fees to Deposit Account No. 02-2120 (Sawyer & Associates).

For the reasons set forth more fully below, Applicant respectfully submits that the present claims are allowable. Consequently, reconsideration, allowance and passage to issue of the present application are respectfully requested.

Applicant has made minor amendments to the specification to correct a typographical/grammatical error and to change the phrase objected to by the Examiner in the abstract. Applicant respectfully submits that no new matter has been added by these amendments.

Applicant respectfully appreciates and acknowledges the Examiner's indication that claims 6-25 and 28-42 are allowable over the art of record. Further, Applicant appreciates and acknowledges the Examiner's indication that claims 6-10 and 28-32 would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening

claim. Applicant has amended claims 6 and 8 to be of independent form and include the features of claims 1 and 3, now canceled. Similarly, claim 7 has been amended to be of independent form and include the features of claim 1. Claim 28 has been amended to be of independent form and include the features of claims 26 and 27, now canceled. Claims 31 and 32 have been amended to be of independent form and include the features of claim 26. Claims 6, 7, 8, 28, 3, and 32 are therefore respectfully submitted as being in condition for allowance. Further, claim 2 has been amended to depend from claim 7, while claims 4 and 5 have been amended to depend from claim 6. Accordingly, these dependent claims, along with claims 9 and 10 dependent on claim 8, include the features of an allowable base claim, and therefore are respectfully submitted as allowable for at least those reasons associated with their respective base claims. Similarly, claims 29 and 30 depend from claim 28, amended as an independent claim. Claims 29 and 30 are therefore respectfully submitted as allowable for at least those reasons associated with claim 28.

With the cancellation of claims 1, 3, 26, and 27, and amendments to claims 2, 4, and 5, Applicant respectfully submits that the cited art rejection under 35 U.S.C. § 102(b) is now moot. Applicant therefore respectfully requests withdrawal of the rejection.

Applicants' attorney believes this application in condition for allowance. Should any unresolved issues remain, Examiner is invited to call Applicants' attorney at the telephone number indicated below.

Respectfully submitted,

  
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